<!DOCTYPE html>

<html lang=”en”>

<head>

<meta charset=”UTF-8”>

<meta name=”viewport” content=”width=device-width, initial-scale=1.0, user-scalable=no, viewport-fit=cover”>

<title>SciCalc Pro</title>

<link href=<https://fonts.googleapis.com/css2?family=Orbitron:wght@400;700&family=Roboto:wght@300;400;500&display=swap> rel=”stylesheet”>

<link rel=”stylesheet” href=”style.css”> </head>

<body>

<div id=”calculator-app”>

<button class=”theme-toggle” id=”theme-toggle-btn”>🌙</button>

<div id=”display-area”>

<div id=”previous-operand”></div>

<div id=”current-operand”>0</div>

</div>

<div class=”keypad-area” id=”main-keypad”>

<div class=”button-row”>

<button class=”calc-button mode-toggle” data-panel-id=”scientific-panel”>Sci</button>

<button class=”calc-button mode-toggle” data-panel-id=”unit-converter-panel”>Units</button>

<button class=”calc-button mode-toggle” data-panel-id=”chemistry-panel”>Chem</button>

<button class=”calc-button mode-toggle” data-panel-id=”physics-constants-panel”>Const</button>

</div>

<div class=”button-row”>

<button class=”calc-button operation” data-operation=”clear-entry”>CE</button>

<button class=”calc-button operation” data-operation=”all-clear”>AC</button>

<button class=”calc-button operation” data-operation=”backspace”>⌫</button>

<button class=”calc-button operation” data-operation=”/”>÷</button>

</div>

<div class=”button-row”>

<button class=”calc-button number” data-number=”7”>7</button>

<button class=”calc-button number” data-number=”8”>8</button>

<button class=”calc-button number” data-number=”9”>9</button>

<button class=”calc-button operation” data-operation=”\*”>×</button>

</div>

<div class=”button-row”>

<button class=”calc-button number” data-number=”4”>4</button>

<button class=”calc-button number” data-number=”5”>5</button>

<button class=”calc-button number” data-number=”6”>6</button>

<button class=”calc-button operation” data-operation=”-“>-</button>

</div>

<div class=”button-row”>

<button class=”calc-button number” data-number=”1”>1</button>

<button class=”calc-button number” data-number=”2”>2</button>

<button class=”calc-button number” data-number=”3”>3</button>

<button class=”calc-button operation” data-operation=”+”>+</button>

</div>

<div class=”button-row”>

<button class=”calc-button number zero” data-number=”0”>0</button>

<button class=”calc-button number” data-number=”.”>.</button>

<button class=”calc-button equals” data-operation=”equals”>=</button>

</div>

</div>

<div id=”scientific-panel” class=”panel”>

<button class=”calc-button close-panel-btn” data-panel-id=”scientific-panel”>←</button>

<h2 class=”panel-title”>Scientific Functions</h2>

<div class=”keypad-area”>

<div class=”button-row”>

<button class=”calc-button scientific” data-sci-op=”sin”>sin</button>

<button class=”calc-button scientific” data-sci-op=”cos”>cos</button>

<button class=”calc-button scientific” data-sci-op=”tan”>tan</button>

<button class=”calc-button scientific” data-sci-op=”pi”>π</button>

</div>

<div class=”button-row”>

<button class=”calc-button scientific” data-sci-op=”asin”>sin⁻¹</button>

<button class=”calc-button scientific” data-sci-op=”acos”>cos⁻¹</button>

<button class=”calc-button scientific” data-sci-op=”atan”>tan⁻¹</button>

<button class=”calc-button scientific” data-sci-op=”e”>e</button>

</div>

<div class=”button-row”>

<button class=”calc-button scientific” data-sci-op=”sqrt”>√x</button>

<button class=”calc-button scientific” data-sci-op=”sqr”>x²</button>

<button class=”calc-button scientific” data-sci-op=”pow”>xʸ</button>

<button class=”calc-button scientific” data-sci-op=”log”>log</button>

</div>

<div class=”button-row”>

<button class=”calc-button scientific” data-sci-op=”ln”>ln</button>

<button class=”calc-button scientific” data-sci-op=”fact”>n!</button>

<button class=”calc-button scientific” data-sci-op=”inv”>1/x</button>

<button class=”calc-button scientific” data-sci-op=”abs”>|x|</button>

</div>

<div class=”button-row”>

<button class=”calc-button scientific” data-sci-op=”deg”>Deg</button>

<button class=”calc-button scientific” data-sci-op=”rad”>Rad</button>

<button class=”calc-button scientific” data-sci-op=”(“>(</button>

<button class=”calc-button scientific” data-sci-op=”)”>)</button>

</div>

</div>

</div>

<div id=”unit-converter-panel” class=”panel”>

<button class=”calc-button close-panel-btn” data-panel-id=”unit-converter-panel”>←</button>

<h2 class=”panel-title”>Unit Converter</h2>

<div class=”converter-group”>

<label for=”conversion-type”>Conversion Type:</label>

<select id=”conversion-type”>

<option value=”length”>Length (m ↔ cm)</option>

<option value=”weight”>Weight (kg ↔ g)</option>

<option value=”temperature”>Temperature (°C ↔ K)</option>

</select>

</div>

<div class=”converter-group” id=”length-converter”>

<label for=”meters”>Meters (m):</label>

<input type=”number” id=”meters” placeholder=”Enter meters”>

<label for=”centimeters”>Centimeters (cm):</label>

<input type=”number” id=”centimeters” placeholder=”Enter centimeters”>

</div>

<div class=”converter-group hidden” id=”weight-converter”>

<label for=”kilograms”>Kilograms (kg):</label>

<input type=”number” id=”kilograms” placeholder=”Enter kilograms”>

<label for=”grams”>Grams (g):</label>

<input type=”number” id=”grams” placeholder=”Enter grams”>

</div>

<div class=”converter-group hidden” id=”temperature-converter”>

<label for=”celsius”>Celsius (°C):</label>

<input type=”number” id=”celsius” placeholder=”Enter Celsius”>

<label for=”kelvin”>Kelvin (K):</label>

<input type=”number” id=”kelvin” placeholder=”Enter Kelvin”>

</div>

</div>

<div id=”chemistry-panel” class=”panel”>

<button class=”calc-button close-panel-btn” data-panel-id=”chemistry-panel”>←</button>

<h2 class=”panel-title”>Molar Mass Calculator</h2>

<input type=”text” id=”chemical-formula” placeholder=”e.g., H2O, NaCl, C6H12O6”>

<button class=”calc-button” id=”calculate-molar-mass-btn”>Calculate Molar Mass</button>

<div id=”molar-mass-result”>Result: -- g/mol</div>

</div>

<div id=”physics-constants-panel” class=”panel”>

<button class=”calc-button close-panel-btn” data-panel-id=”physics-constants-panel”>←</button>

<h2 class=”panel-title”>Physics Constants</h2>

<ul>

<li><span class=”symbol”>g</span> (Acceleration due to gravity): 9.80665 m/s²</li>

<li><span class=”symbol”>h</span> (Planck constant): 6.62607015 × 10⁻³⁴ J·s</li>

<li><span class=”symbol”>c</span> (Speed of light): 299,792,458 m/s</li>

<li><span class=”symbol”>e</span> (Elementary charge): 1.602176634 × 10⁻¹⁹ C</li>

<li><span class=”symbol”>N<sub>A</sub></span> (Avogadro constant): 6.02214076 × 10²³ mol⁻¹</li>

<li><span class=”symbol”>k</span> (Boltzmann constant): 1.380649 × 10⁻²³ J/K</li>

</ul>

</div>

</div>

<script src=”script.js”></script> </body>

</html>